

## ABSTRACT

1 Computer operations whose execution would increase usage costs may require use  
2 of authorization and notification plug-ins to prevent unauthorized execution. The  
3 command may be designed to only execute properly if the authorization and notification  
4 plug-ins are properly registered. The computer system customer designs the authorization  
5 and notification plug-ins based on standard application programming interfaces to suit the  
6 customer's business practices and links them to the computer operation. The computer  
7 operation executes the authorization plug-in to determine if the proper authorization plug-  
8 in parameters have been specified and verify that the command is authorized. If  
9 authorization is granted, the computer operation checks to see that the notification plug-in  
10 is given the correct parameters, executes the computer operation, and then executes the  
11 notification module to notify the necessary personnel. Both authorization and notification  
12 plug-ins return errors that are passed to the user through the computer operation.